TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Docket No. (Under 37 CFR 1.97(b) or 1.97(c)) 126750-1 In Re Application Of: Jiawen Dong, et al. Examiner Filing Date **Group Art Unit** Serial No. 1732 August 26, 2003 NYA 10/648,604 Title: METHODS OF PURIFYING POLYMERIC MATERIAL Address to: **Commissioner for Patents** P.O. Box 1450 Alexandria, VA 22313-1450 37 CFR 1.97(b) The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114. 37 CFR 1.97(c) The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of: ☐ the statement specified in 37 CFR 1.97(e); OR the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Docket No. (Under 37 CFR 1.97(b) or 1.97(c)) 126750-1 In Re Application: Jiawen Dong, et al. **Group Art Unit** Filing Date Examiner Serial No. 1732 August 26, 2003 **NYA** 10/648,604 METHODS OF PURIFYING POLYMERIC MATERIAL **Payment of Fee** (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p)) is attached. A check in the amount of The Director is hereby authorized to charge and credit Deposit Account No. 07-0862 as described below. Charge the amount of Credit any overpayment. Charge any additional fee required. Certificate of Mailing by First Class Mail Certificate of Transmission by Facsimile* I certify that this document and authorization to charge deposit I certify that this document and fee is being deposited account is being facsimile transmitted to the United States on November 24, 2003 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is Patent and Trademark Office (F: addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. (Date) Signature of Person Mailing Correspondence Signature Tracy A. Axiak Typed or Printed Name of Person Mailing Certificate Typed or Printed Name of Person Signing Certificate *This certificate may only be used if paying by deposit account. Dated: November 24, 2003 Signature Roberta L. Pelletier, Esq. Registration No. 46,372 Customer No. 23413 Phone No. (860) 286-2929 CC:

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| | 3,306,874 | 2/28/67 | Hay | | | | | | | | |
| | 3,306,875 | 2/28/67 | Hay | | | | | | | | |
| | 3,365,422 | 1/23/68 | Van Do | rt | | | | | | | |
| | 3,383,435 | 5/14/68 | E.P. Ci | zek | | | | | | | |
| | 3,639,656 | 2/1/72 | Bennet | t, et al. | | | | | | | |
| | 3,642,699 | 2/16/72 | Cooper | , et al. | | | | | | | |
| | 3,661,848 | 5/9/72 | Cooper, et al. | | | | | | | | |
| | 3,733,299 | 5/15/73 | Cooper | , et al. | | | | | | | |
| .) 4) | 3,838,102 | 9/24/74 | Bennet | t, et al. | | | | | | | |
| | 3,962,181 | 6/8/76 | Sakauc | hi, et al. | | | | | | | |
| | 3,973,890 8/10/76 | | | Porter, et al. | | | | | | | |
| | | FOI | REIGN PATE | NT DOCUMENTS | | | | | | | |
| | DOCUMENT NUMBER | DATE | | COUNTRY | | CLASS | SUBCLASS | TRANS | NO | | |
| · · | EP 0 225 801 J | 08.12.86 | Europe | | | | | 120 | | | |
| | EP 0 271 000 | 03.12.87 | Europe | | | | | | | | |
| | EP 0 295 891 ~ | 15.06.88 | Europe | | | | | | | | |
| | EP 0 303 209 / | 06.08.88 | Europe | | | | | | | | |
| 3. | EP 0 642 124 06.09.94 Euro | | | | | | | | | | |
| | OTHER DOCUM | MENTS (Includ | ling Author | r, Title, Date, Perti | inent Pa | ges, Etc., |) | | | | |
| | JP11268098. Publicat | ion Date 1999-10 | -05. Abstrac | et Only | | | | | | | |
| Emphis. | | | | | | | | | | | |
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| i jaraje | JP58147332. Publicat | ion Date 1963-09 | -U2. ADSTIA | at Only | | | | | | | |
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| *EXAMINER | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | | |
| | 4,054,553 | 3 10/18/77 Olar | | | | 11 /11 / 100 | *************************************** | |
| | 4,083,828 | 4/11/78 | Olander | | | | | |
| | 4,092,294 | 5/30/78 | Bennett, Jr. et al. | | | | | |
| | 4,373,065 | 2/8/83 | Prest, Jr. | | | | | |
| elec | 4,421,470 | 12/20/83 | Nakamura | | | | | |
| , , , , , , , , , , , , , , , , , , , | 4,760,118 | 7/26/88 | White, et al. | | | | | |
| | 4,808,262 | 2/28/89 | Aneja, et al. | | | | | |
| | 4,845,142 | 7/4/89 | Niwano, et al. | | | | | |
| 1 | 4,987,194 | 1/22/91 | Maeda, et al. | | | | | |
| | 4,992,222 | 2/12/91 | Banevicius, et al. | | | | | |
| 4 | 4,994,217 | 2/19/91 | Banevicius, et al. | | | | 77. | |
| | | FOI | REIGN PATENT DOCUMENTS | s | | | Ĭ, | |
| | DOCUMENT NUMBER DAT | | COUNTRY | CLASS | SUBCLASS | TRANS YES | NO | |
| 94/15 | EP 0 724 259 | 26.01.96 | Europe | | | | | |
| | EP 0 770 637 | 10.10.96 | Europe | | | | | |
| | EP 1 031 972 / | 23.02.00 | Europe | | | | | |
| | EP 1 047 055 ~ | 22.04.99 | Europe | | | | | |
| 1. | EP 1 130 587 | 05.03.01 | Europe | | | | | |
| | OTHER DOCUM | IENTS (Includ | ling Author, Title, Date, F | Pertinent Pages, Et | c.) | | | |
| * chat | JP6093014. Publication | on Date 1994-04-0 | 05. Abstract Only | | | | | |
| | | | | | | | | |
| 1.6 mm | Paul F. Ranken "Flam | ne Retardants'' I | Plastics Additives Handbook | 5th Edition, Hanser | Publishers Mun | ich 2001 i | <u></u> | |
| | 681-696 | ic Retail daints | iastics ridditives mandbook | , Jui Buittoni Hansel | i dononers, mui | ich. 2001. _[| э р. | |
| er Care | | | | | | | | |
| EXAMINER | | | DATE CONSID | ERED | | | | |
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| 6 | VNFORMATION DISCLOSUR (Use several sheets if nece | E CITATION | Jiawen Dong, et al. | | | | | |
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| | 2 6 2003 0 | | August 26, | 2003 | - | 1732 | | |
| PER | TO LO CARTA OFF | U. | S. PATENT DOCUMENTS | PATENT DOCUMENTS | | | | |
| 'EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DAT | | |
| | 5,017,655 | 5/21/91 | Kase, et al. | | | | | |
| · # | 5,053,288 | 10/1/91 | Hashimoto, et al. | | | | | |
| | 5,102,591 | 4/7/92 | Hasson, et al. | | | | | |
| | 5,204,410 | 4/20/93 | Banevicius, et al. | | | V. | | |
| | 5,250,486 | 10/5/93 | Shaffer | | | | | |
| | 5,586,110 | 12/17/96 | Nakaki | | | | | |
| • | 5,607,700 | 3/4/97 | Kando, et al. | | | | | |
| 1.4 | 5,833,848 | 11/10/98 | Tominari, et al. | | | | | |
| 57. | 6,306,978 | 10/23/01 | Braat, et al. | | | | | |
| | 6,365,710 | 4/2/02 | Wang, et al. | | | | | |
| 440 | 6,372,175 | 4/16/02 | Inoue, et al. | | | | | |
| | | FORE | EIGN PATENT DOCUMENTS | | | | | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | T.RANS YES | LATION NO | |
| | EP 1 167 419 / | 19.06.01 | Europe | | | | | |
| | EP 1 167 420 / | 19.06.01 | Europe | | | | | |
| | EP 1 167 421 | 19.06.01 | Europe | | | | | |
| • | JP 2-107651 | 19-04-1990 | Japan | | | 1 | | |
| iga a | JP 9-237437 / | 9/9/1997 | Japan | | | 1 | | |
| W. | OTHER DOCUM | ENTS (Includia | ng Author, Title, Date, Pertine | ent Pages, Etc. |) | | | |
| *0 | R. Scherrer. "Coloran | ts". Plastics Addit | ives Handbook, 5th Edition. Han | ser Publixhers, N | /Junich. 2001. p | р. 813-882 | | |
| 4 1 | | | | | | | | |
| • . | | | • | | | | • | |
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| O INF | FORMATION DISCLOSUR | E CITATION | | Jiawen Dong, et a | | | | , , , , | |
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| INITIAL | BOCOMENT NOMBER | | | | | | 0000000 | IF APPROPE | RIATE |
| | 6,407,200 | 6/18/02 | Singh, e | et al. | | | | | |
| | 6,437,084 | 8/20/02 | Birsak, | et al. | | | | | |
| | 6,444,779 | 9/3/02 | Singh, e | et al. | | | | | |
| | 6,469,128 | 10/22/02 | Guo, et | al. | | | | | |
| | 2002/0062054 | 5/23/02 | Cistone | , et al. | | | | | |
| | 2002/0094455 | 7/18/02 | Feist, et | al. | | | | | |
| | 2002/0197438 | 12/26/02 | Hay, et | al. | | | | | |
| # T | 2002/0197441 | 12/26/02 | Hariha | Hariharan, et al. | | | | | |
| *** | 2003/0044564 | 3/6/03 | Dris, et | al. | | | | | |
| | 2003/0067089 | 4/10/03 | Wang, | | | | | | |
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| | | FORE | EIGN PATE | NT DOCUMENTS | | | | | |
| | DOCUMENT NUMBER | DATE | | COUNTRY | | CLASS | SUBCLASS | TRANSI YES | ATION |
| | JP 1-92209 | 1989-4-11 | Japan | | | | | 1 | |
| | JP 2-208342 | 8/17/1990 | Japan | | | | | 1 | |
| | JP 63-13722 | 1988-1-21 | Japan | | | | | 1 | |
| • | JP 63-256427 | 24-10-1988 | Japan | | | | | 1 | |
| | JP 63-301247 | 12/8/1988 | Japan | | | | | 1 | |
| | OTHER DOCUM | MENTS (Includir | ng Author | r, Title, Date, Pertin | ent Page | es, Etc.) | | | |
| | http://www.atofina.com | m/groupe/gb/actuc | comm/print | t.cfm?IdComm=5052 | | | | | |
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| | | JP (| 63-309547 | 16-12-1988 | Japan | | | | 1 | | |
| | | JP (| 63-86738 / | 4/18/88 | Japan | | | | 1 | | |
| | | JP (| 63-91231 | 4/21/88 | Japan | | | 1.0 | 1 | | |
| . • | | JP (| 63-91232 | 4/21/88 | Japan | | | | 1 | | |
| | | JP (| 64-42601 | 14-2-1989 | Japan | | | 184 | 1 | | |
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| | | WO 01/11618 | 15.02.01 | PCT | | | | | | | |
| | | WO 02/43943 | 06.06.02 | PCT | | | | | | | |
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